

FIG. 1

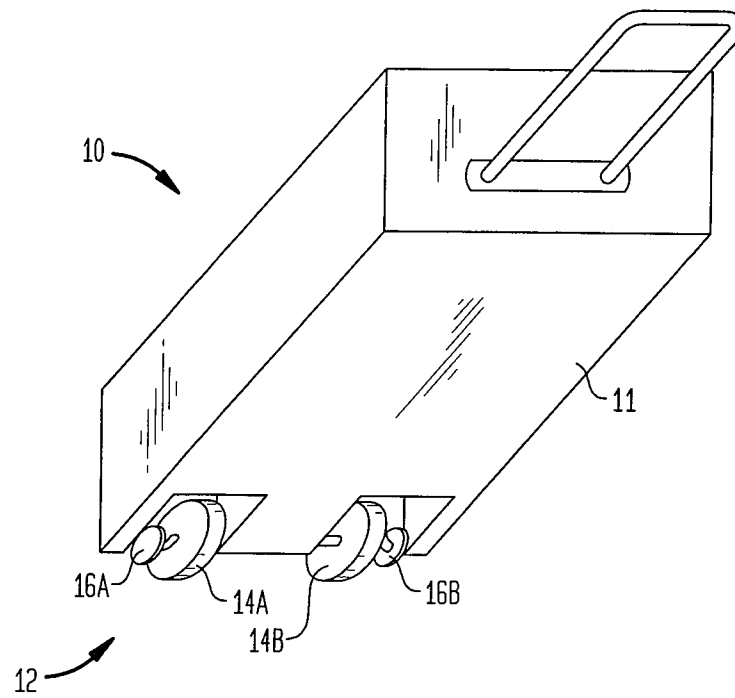


FIG. 2

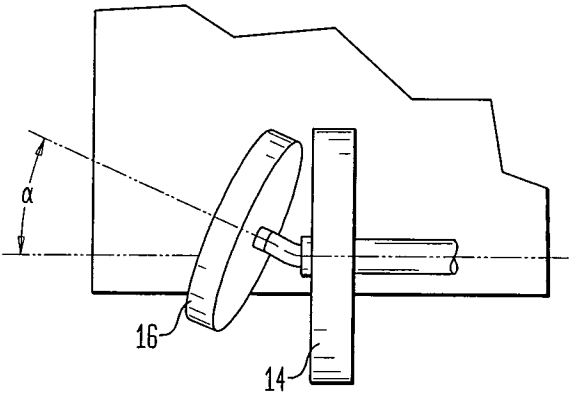


FIG. 3

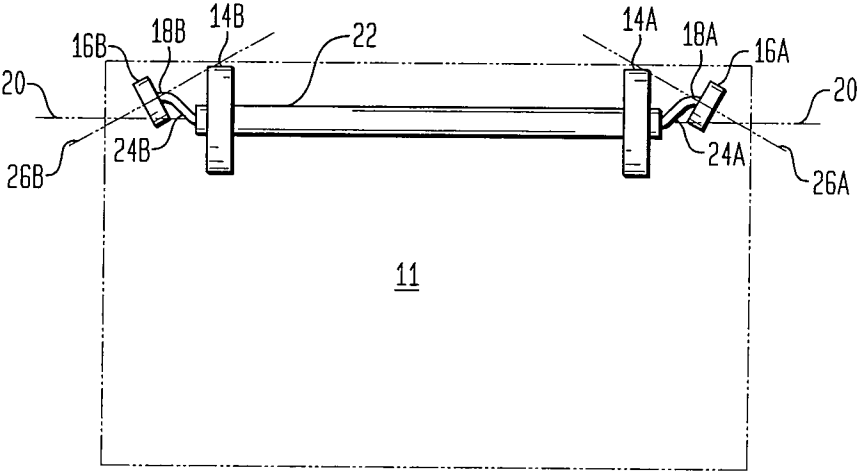


FIG. 4

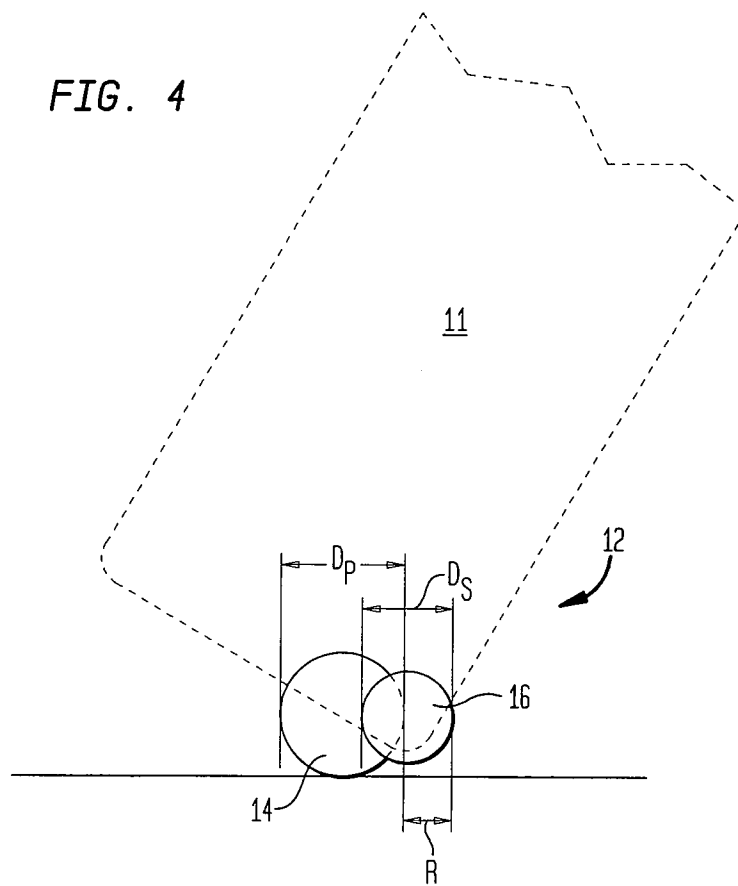


FIG. 5

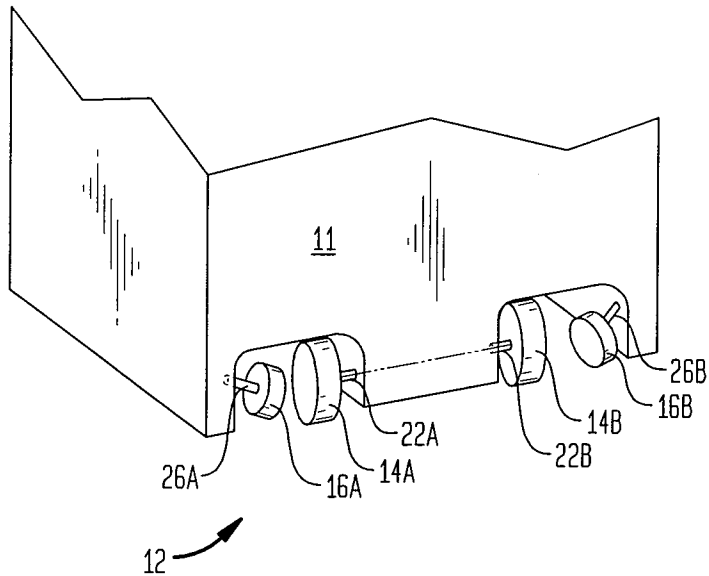


FIG. 6

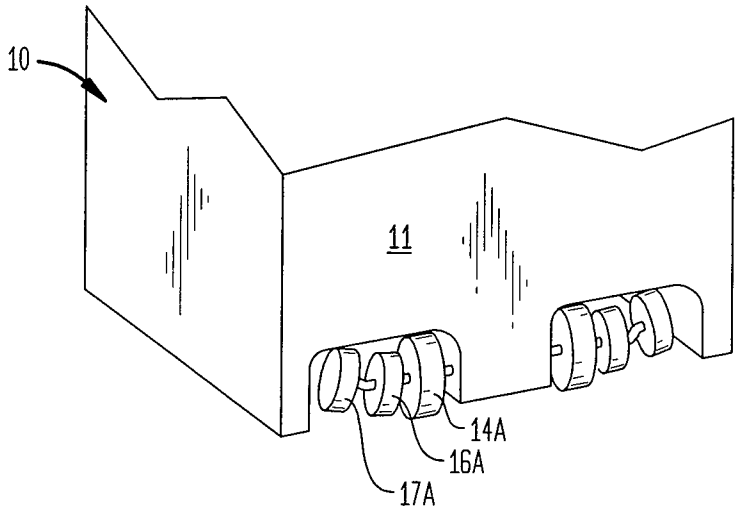


FIG. 7

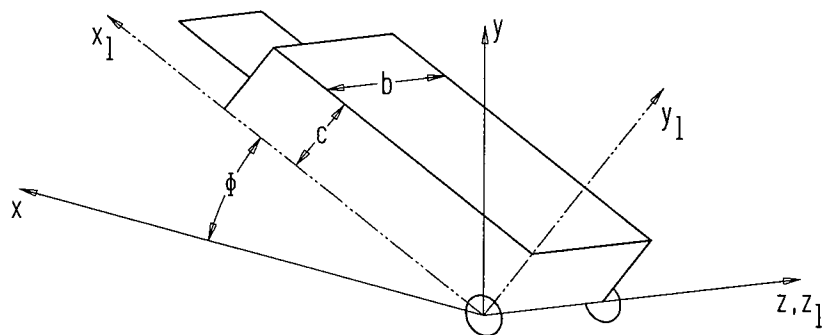
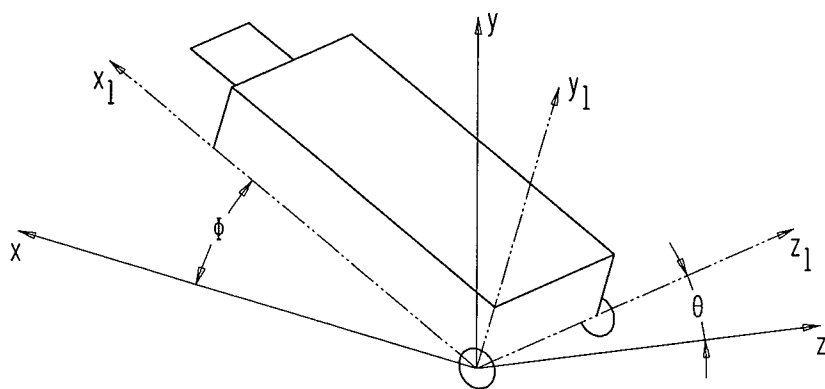


FIG. 8



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FIG. 9A

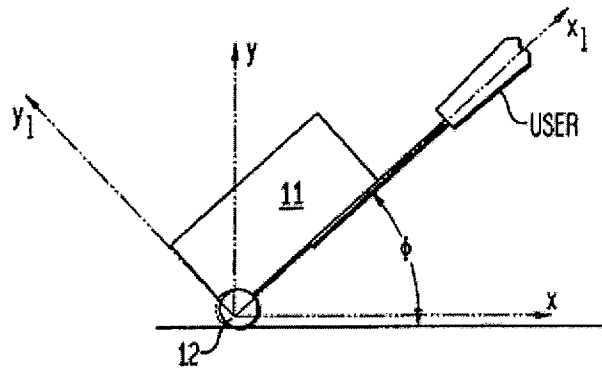


FIG. 9B

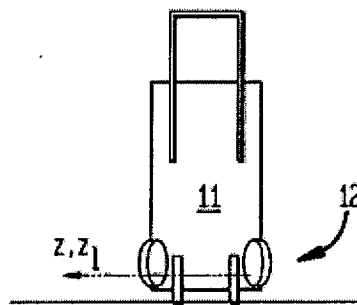
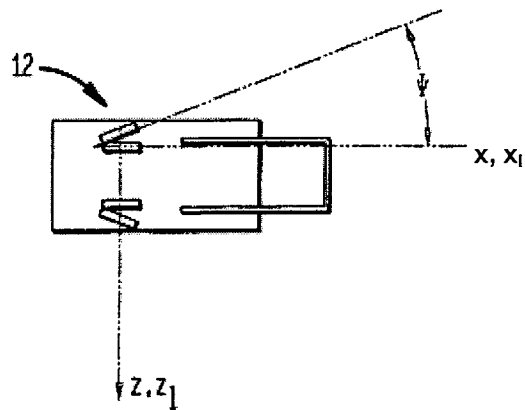


FIG. 9C



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FIG. 10

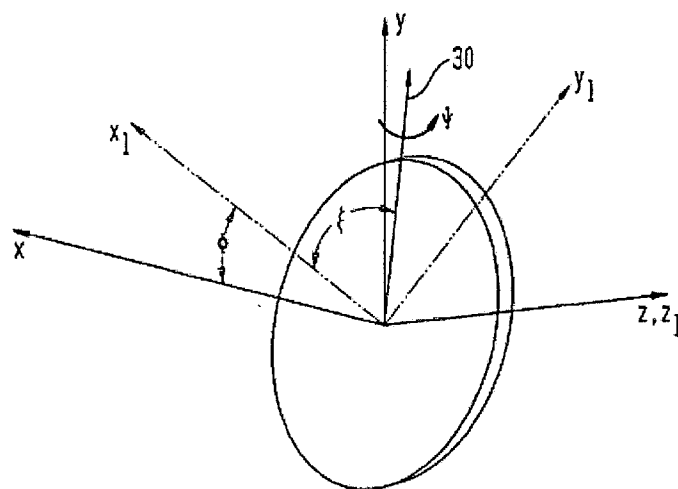
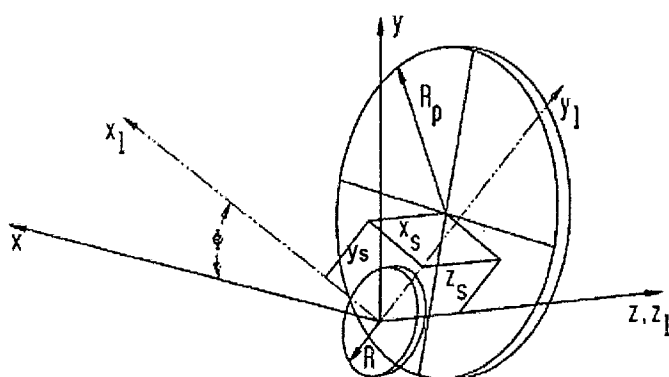


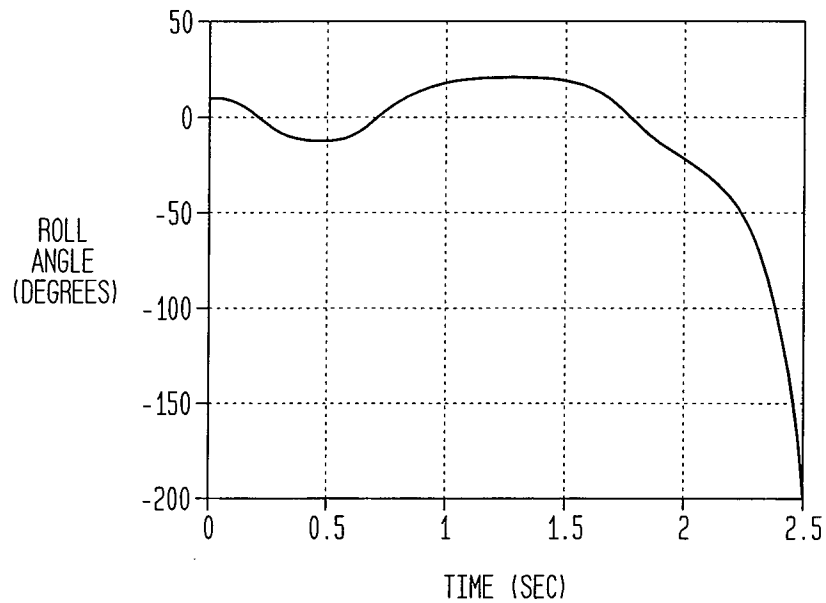
FIG. 11



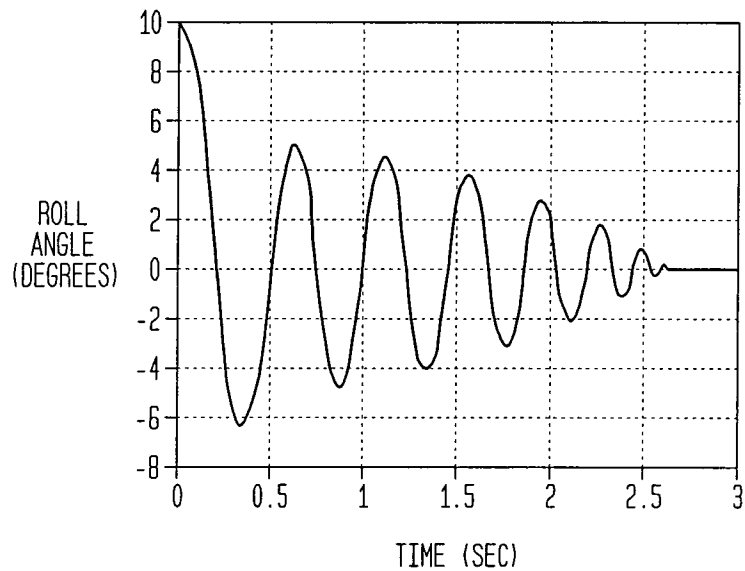
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FIG. 12A

SIMULATION OF ROLL ANGLE OF TRADITIONAL SUITCASE (WHEELS MOUNTED ACROSS NARROWEST SIDE OF SUITCASE). NO STABILIZATION SYSTEM.

**FIG. 12B**

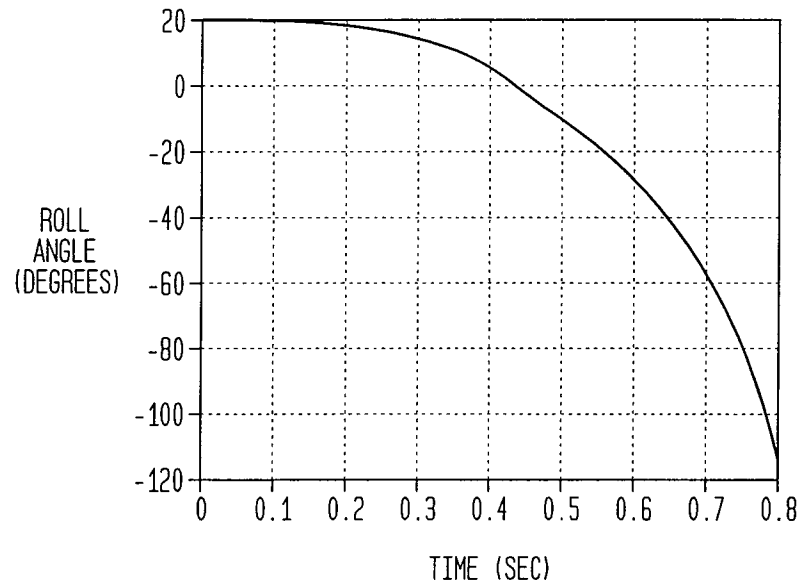
SIMULATION OF ROLL ANGLE OF TRADITIONAL SUITCASE (WHEELS MOUNTED ACROSS NARROWEST SIDE OF SUITCASE). WITH STABILIZATION SYSTEM.



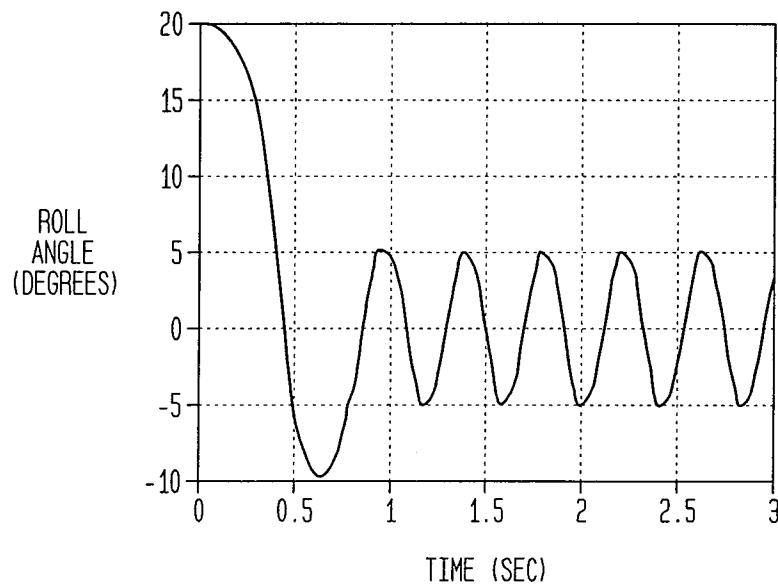
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FIG. 13A

SIMULATION OF ROLL ANGLE OF TRADITIONAL SUITCASE (WHEELS MOUNTED ACROSS NARROWEST SIDE OF SUITCASE). RUNNING PACE, NO STABILIZATION SYSTEM.

**FIG. 13B**

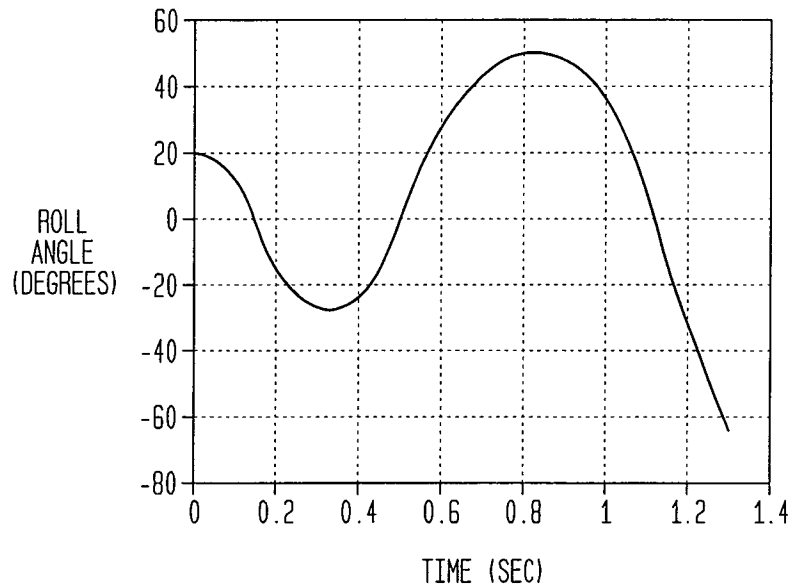
SIMULATION OF ROLL ANGLE OF TRADITIONAL SUITCASE (WHEELS MOUNTED ACROSS NARROWEST SIDE OF SUITCASE) AT RUNNING SPEED (4m/SEC). STABILIZED.



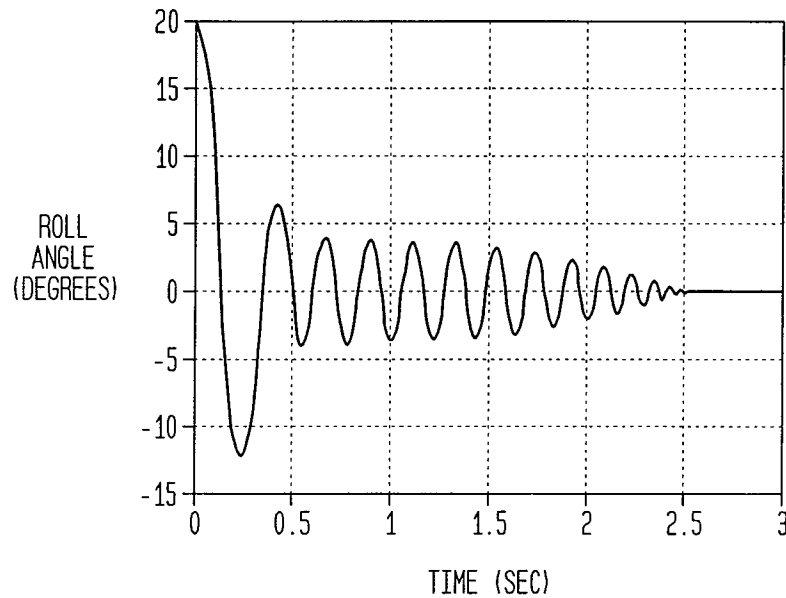
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FIG. 14A

SIMULATION OF ROLL ANGLE OF CARRY-ON LUGGAGE (WHEELS MOUNTED ACROSS MEDIUM SIDE OF LUGGAGE). NO STABILIZATION SYSTEM. REGULAR WALK.

**FIG. 14B**

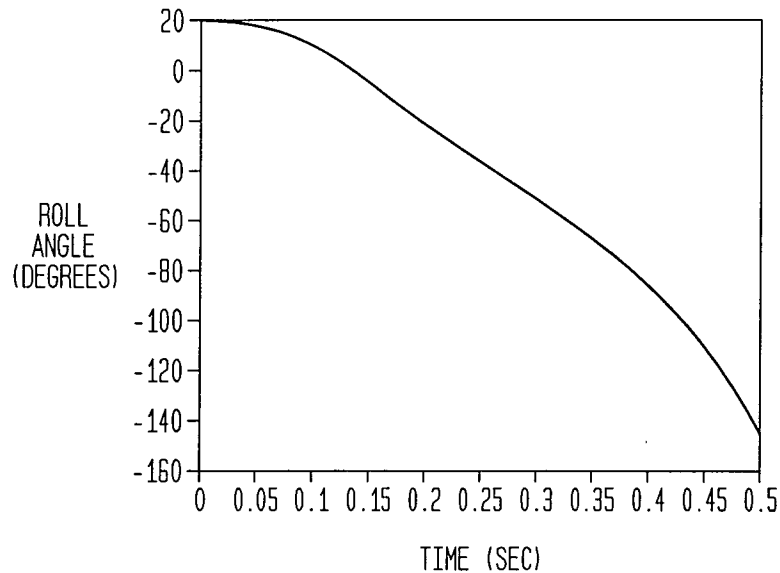
SIMULATION OF ROLL ANGLE OF CARRY-ON LUGGAGE (WHEELS MOUNTED ACROSS MEDIUM SIDE OF LUGGAGE). NORMAL PACE AND WITH STABILIZATION SYSTEM.



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FIG. 15A

SIMULATION OF ROLL ANGLE OF CARRY-ON LUGGAGE (WHEELS MOUNTED ACROSS MEDIUM SIDE OF LUGGAGE). RUNNING PACE. NO STABILIZATION.

**FIG. 15B**

SIMULATION OF ROLL ANGLE OF TRADITIONAL SUITCASE (WHEELS MOUNTED ACROSS NARROWEST SIDE OF SUITCASE) AT RUNNING SPEED (4m/SEC). STABILIZED.

